

ELEMENT 29

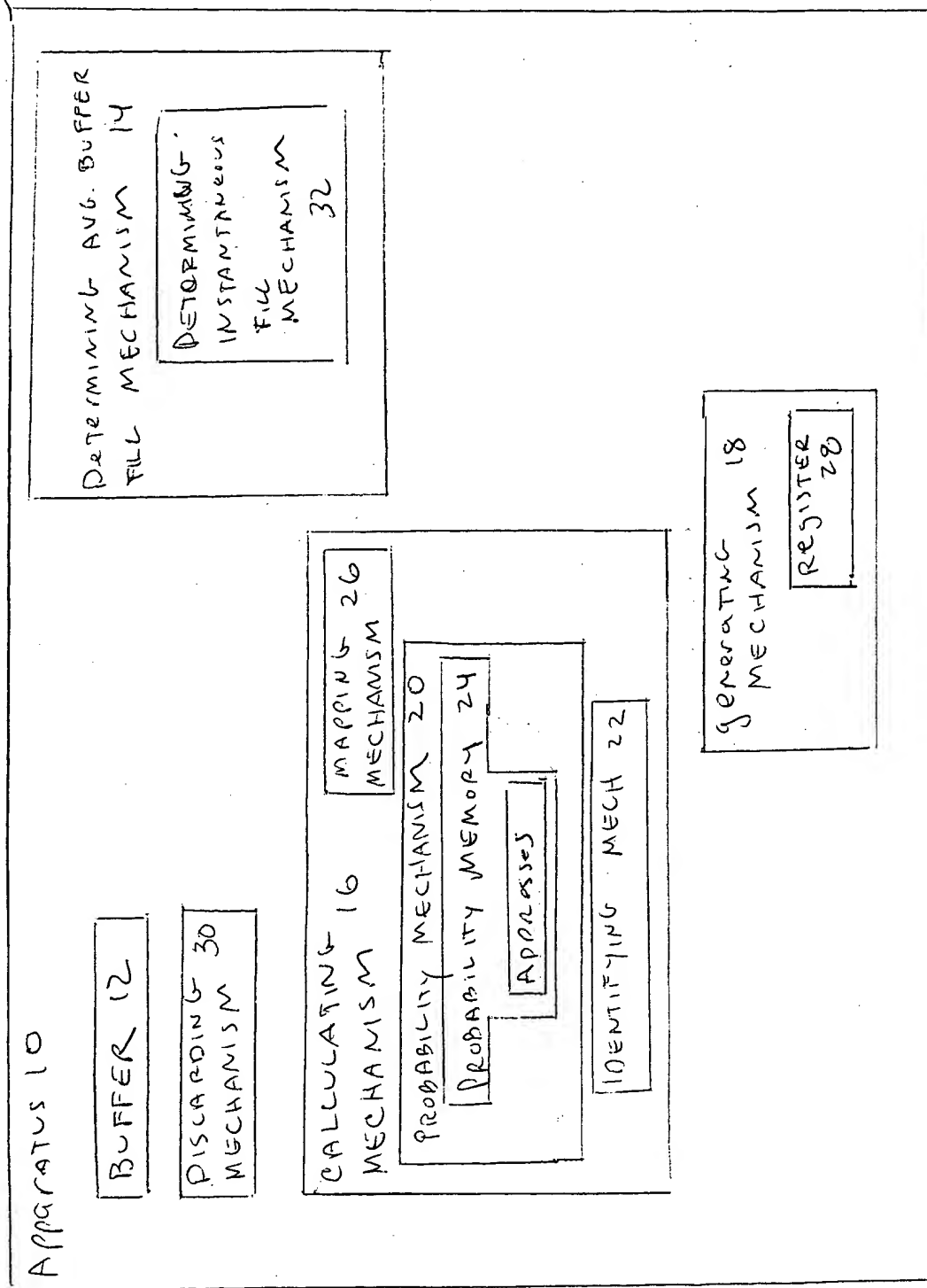


FIG 1

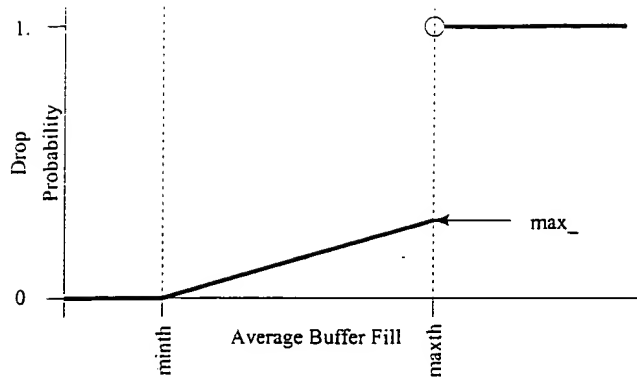
[illegible]

FIG. 2

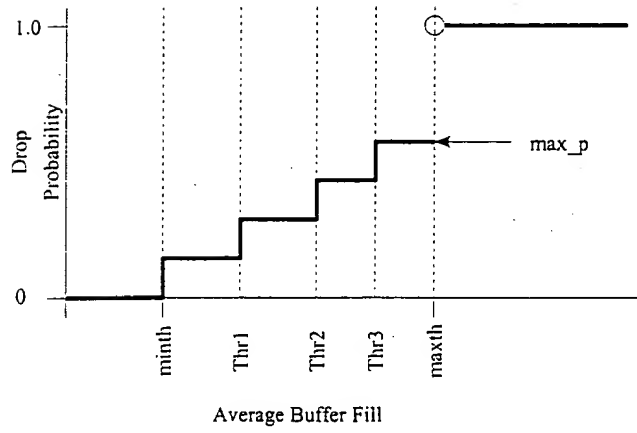


FIG 3

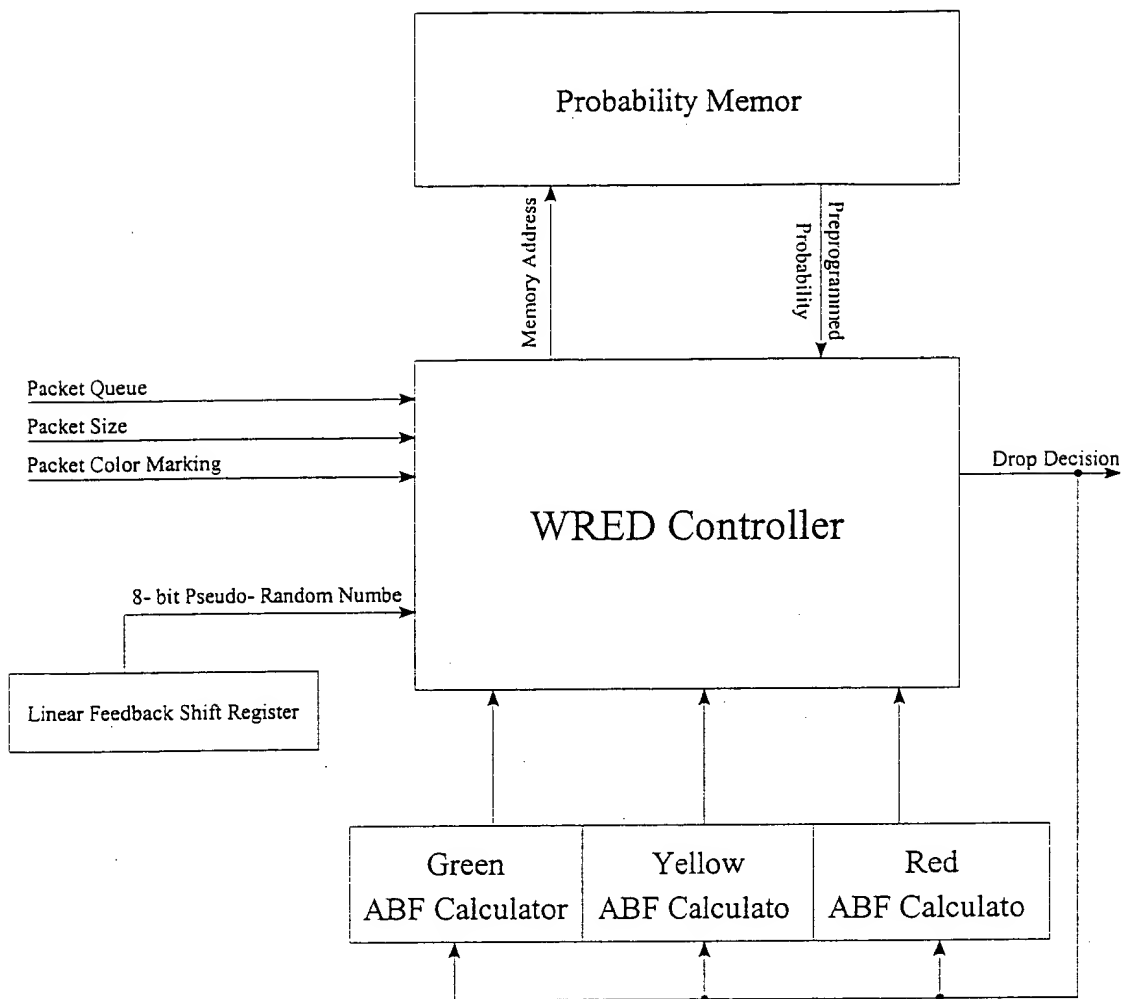


FIG 4

09733300 03332200

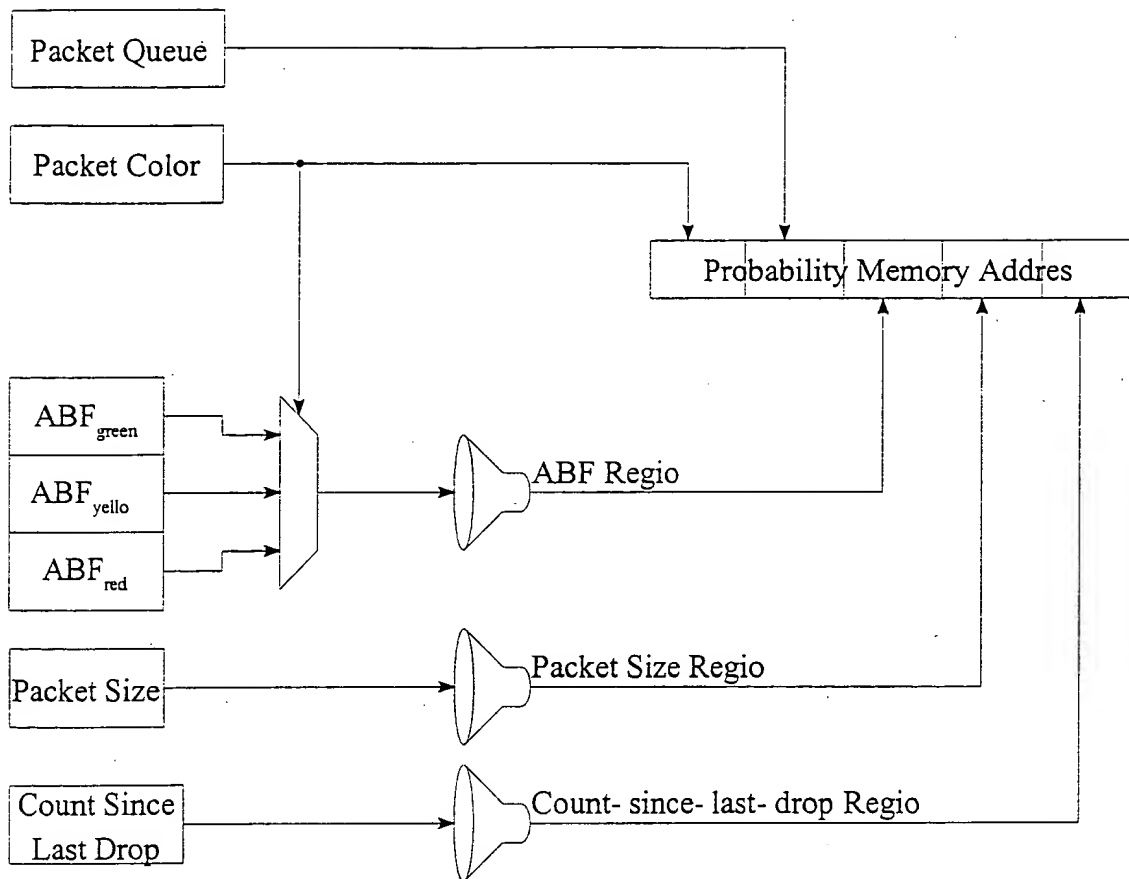


FIG 5

Receive packet information: color, queue, siz

Calculate the packet size region.

Read the ABF region for the color of the packet.
Read the count- since- last- drop region.

Calculate the Probability Memory address using the ABF region, the queue, the color, the packet size region, and count- since- last- drop region.

Read Probability Memory and the Linear Feedback Shift Registe

Compare probability with the LFSR output. Drop the packet if it is greater.

FIG 6